

AMENDMENTS

IN THE CLAIMS:

Please amend claims 2-9 and 11-32 as follows below:

1. (Original) A system, comprising:
an information receiving logic configured to receive an information signal;
a driven element configured to transmit an outbound information signal at a predetermined power and a predetermined frequency that create a transmission zone that is less than forty eight inches in a plane; and
a transmission line configured to facilitate transferring a first intermediate signal, from which the outbound information signal is derived, from the information receiving logic to the driven element;
where at least one of the information receiving logic, the driven element, and the transmission line are integrated into a PVLAN-space element.
2. (Currently Amended) The system of claim 1, comprising including a shield configured to mold the transmission zone, ~~where the shield is integrated into a PVLAN-space element.~~
3. (Currently Amended) The system of claim 2, the transmission zone molded to be smaller than an environment within which the system is located¹, ~~including a shield configured to at least partially block electromagnetic radiation from entering the transmission zone, where the shield is integrated into a PVLAN-space element.~~
4. (Currently Amended) The system of claim 2, the shield being frequency agnostic¹, ~~including a shield configured to at least partially block the outbound signal from leaving the transmission zone, where the shield is integrated into a PVLAN-space element.~~

5. (Currently Amended) The system of claim 3, ~~the shield being frequency agnostic~~¹, ~~the information signal comprising one or more of, a telephone signal, a television signal, a computer signal, a data signal, a facsimile signal, a DSL signal, a broadcast signal, a GPS signal, and a radio signal.~~
6. (Currently Amended) The system of claim 2, ~~the molded zone being substantially spherical~~⁵, ~~the telephone signal comprising one or more of, an analog telephone signal, a digital telephone signal, an analog cellular telephone signal, and a digital cellular telephone signal.~~
7. (Currently Amended) The system of claim 3, ~~the molded zone being substantially spherical~~⁵, ~~the television signal comprising one or more of, an over the air television signal, a cable television signal, a digital television signal, and a satellite television signal.~~
8. (Currently Amended) The system of claim 4, ~~the molded zone being substantially spherical~~⁵, ~~the computer signal comprising one or more of, an IEEE 802.3 signal, an IEEE 802.5 signal, an IEEE 802.11 signal, and an IEEE 802.15.1 signal.~~
9. (Currently Amended) The system of claim 5, ~~the molded zone being substantially spherical~~ ~~the radio signal comprising one or more of, an AM signal, an FM signal, an XM signal, and a shortwave signal.~~
10. (Original) The system of claim 1, the PVLAN-space element comprising one or more of, a desktop, a tabletop, a desk, a table, a cubicle wall, a cubicle, an office wall, an office, a wall, and a cabinet.

11. (Currently Amended) The system of claim 2, the molded transmission zone being substantially discontinuous from a space a user's body occupies when operating in an environment within which the zone is located ~~1~~, ~~the driven element comprising one or more of, an omni-directional antenna, a yagi antenna, a horn antenna, a spiral antenna, a helical antenna, a loop antenna, a blade antenna, a flat panel antenna, and a sector antenna.~~

12. (Currently Amended) The system of claim 3, the molded transmission zone being substantially discontinuous from a space a user's body occupies when operating in an environment within which the zone is located ~~1~~, ~~the driven element being configured to transmit the outbound information signal in a power range from about 0.01 mW to about 0.1 W.~~

13. (Currently Amended) The system of claim 4, the molded transmission zone being substantially discontinuous from a space a user's body occupies when operating in an environment within which the zone is located ~~1~~, ~~the driven element being configured to transmit the outbound information signal in a frequency range from about 500 MHz to about 1.5 GHz.~~

14. (Currently Amended) The system of claim 5, the molded transmission zone being substantially discontinuous from a space a user's body occupies when operating in an environment within which the zone is located ~~1~~, ~~where the outbound signal is intended for an electronic device comprising one or more of, a computer, a telephone, a facsimile machine, a monitor, a PDA, a keyboard, a radio, and a GPS.~~

15. (Currently Amended) The system of claim 6, the molded transmission zone being substantially discontinuous from a space a user's body occupies when operating in an environment within which the zone is located~~1~~, ~~comprising a receiver configured to receive an inbound information signal from an electronic device.~~

16. (Currently Amended) The system of claim 7, the molded transmission zone being substantially discontinuous from a space a user's body occupies when operating in an environment within which the zone is located~~15~~, ~~the transmission line being further configured to facilitate transferring a second intermediate signal derived from the inbound information signal from the receiver to the information receiving logic.~~

17. (Currently Amended) The system of claim 8, the molded transmission zone being substantially discontinuous from a space a user's body occupies when operating in an environment within which the zone is located~~15~~, ~~the receiver comprising one or more of, a super heterodyne receiver and a co-axial receiver.~~

18. (Currently Amended) The system of claim 9, the molded transmission zone being substantially discontinuous from a space a user's body occupies when operating in an environment within which the zone is located~~1~~, ~~the transmission line comprising one or more of, a coaxial cable, a low loss cable, a fiber optic cable, a SCSI cable, a LAN cable, an elliptical waveguide cable, a rectangular waveguide cable, a ribbon cable, a CAT 5e cable, a CAT 6 cable, a shielded twisted pair cable, and an unshielded twisted pair cable.~~

19. (Currently Amended) The system of claim 1, comprising a plurality of driven elements configured to create a plurality of transmission zones 2, the shield comprising one or more of, a faraday cage, a copper mesh screen, a welded sheet aluminum plate, a metal textile shield, a plastic film, a wire mesh, a brass plate, a tin plated steel plate, a nickel silver plate, a conductive fabric, and a conductive paint.

20. (Currently Amended) The system of claim 19, comprising a plurality of shields configured to mold the plurality of transmission zones 3, the shield comprising one or more of, a faraday cage, a copper mesh screen, a welded sheet aluminum plate, a metal textile shield, a plastic film, a wire mesh, a brass plate, a tin plated steel plate, a nickel silver plate, a conductive fabric, and a conductive paint.

21. (Currently Amended) The system of claim 20, the transmission zones molded so as to not overlap on another 4, the shield comprising one or more of, a faraday cage, a copper mesh screen, a welded sheet aluminum plate, a metal textile shield, a plastic film, a wire mesh, a brass plate, a tin plated steel plate, a nickel silver plate, a conductive fabric, and a conductive paint.

22. (Currently Amended) The system of claim 7, comprising two or more shields configured to abate a portion of the zone 2, where the shield is grounded.

23. (Currently Amended) The system of claim 16, the shield configured to abate a portion of the zone so that the zone does not extend below a PVLAN-space element work-surface at which a user may be seated when interacting with a device within the unabated portion of the zone 2, where the shield is bonded to a 0.01 ohm to digital ground connection.

24. (Currently Amended) The system of claim 2, the molded zone not coextensive with an environment within which the zone is located 3, where the shield is grounded.

25. (Currently Amended) The system of claim 2, the molded zone not coextensive with the entirety of an environment within which the zone is located 3, ~~where the shield is bonded to a 0.01 ohm to digital ground connection.~~

26. (Currently Amended) The system of claim 1, the information receiving logic, the driven element, and the transmission line concealed by virtue of being integrated into a PVLAN-space element 4, ~~where the shield is grounded.~~

27. (Currently Amended) The system of claim 18, the information receiving logic, the driven element, and the transmission line concealed by virtue of being integrated into a PVLAN-space element 4, ~~where the shield is bonded to a 0.01 ohm to digital ground connection.~~

28. (Currently Amended) The system of claim 23, the information receiving logic, the driven element, and the transmission line concealed by virtue of being integrated into a PVLAN-space element 1, ~~comprising:~~

~~an override panel configured to provide access to one or more wired connections by which the information signal can be received.~~

29. (Currently Amended) The system of claim 23, comprising an effective zone indicator on the PVLAN-space element work-surface configured to visually illustrate a boundary associated with the unabated portion of the zone 28, ~~where the override panel includes one or more of, a video port, an RS232 port, an RS 422 port, an RJ45 port, an RJ11 port, an XLR connector, a LAN connector, and a BNC connector.~~

30. (Currently Amended) The system of claim 1, where the information receiving logic, the driven element, and the transmission line are all integrated into a single PVLAN-space element.

31. (Currently Amended) The system of claim 18, comprising:
an effective zone indicator configured to visually illustrate a boundary associated with the transmission zone.
32. (Currently Amended) The system of claim 20, comprising a plurality of effective zone indicators located on one or more PVLAN-space element surfaces configured to visually illustrate respective boundaries of the zones 31, where the effective zone indicator is located on a PVLAN-space element surface.
33. (Original) A method, comprising:
receiving an information signal;
selectively deriving an intermediate signal from the information signal;
selectively relaying the intermediate signal to a driven element;
transmitting an outbound information signal derived from the intermediate signal from the driven element at a designated power output and designated frequency, where the combination of designated power and designated frequency produce a limited zone of less than forty eight inches; and
positioning one or more shields to perform one or more of, molding the size of the limited zone, molding the shape of the limited zone, protecting the limited zone from RF interference, and limiting interference produced by transmitting the outbound information signal.
34. (Original) The method of claim 33, the information signal comprising one or more of, a telephone signal, a television signal, a computer signal, a facsimile signal, an internet signal, a DSL signal, a broadcast signal, a GPS signal, and a radio signal.
35. (Original) The method of claim 33, where the outbound information signal is transmitted with a power of about 0.01 mW to about 1 mW.

36. (Original) The method of claim 35, where the outbound information signal is transmitted with a frequency of about 500 MHz to about 1.5 GHz.

37. (Original) A piece of furniture, comprising:

- an information receiving logic configured to receive an information signal;

- a driven element configured to transmit an outbound information signal at a predetermined power and a predetermined frequency that create a transmission zone that is less than forty eight inches in a plane;

- a transmission line configured to facilitate transferring a first intermediate signal, from which the outbound information signal is derived, from the information receiving logic to the driven element;

- a shield configured to perform one or more of, molding the transmission zone, to at least partially block electromagnetic radiation from entering the transmission zone, and to at least partially block the outbound signal from leaving the transmission zone; and

- an override panel configured to provide access to a wired connection by which the information signal can be received;

where the information receiving logic, the driven element, the transmission line, the override panel, and the shield are integrated into the piece of furniture.

38. (Withdrawn)

39. (Withdrawn)